Author index to volume 291

Aatsinki, J. see A. Pulkka 291 (1991) 289
Ab, G. see M.J. de Hoop 291 (1991) 299
Abbondanza, A. see M. Chiricolo 291 (1991) 173
Aho, S., Structural and functional analysis of *Trichoderma reesei* endoglucanase I expressed in yeast *Saccaromyces cerevisiae* 291 (1991) 45
Akazawa, T. see J. Pozueta-Romero 291 (1991) 233
Akira, S. see S. Natsuka 291 (1991) 58
Aktories, K. see G. Koch 291 (1991) 336
Albracht, S.P.J. see S. Rospert 291 (1991) 371
Amici, D. see F. Chillemi 291 (1991) 67
Anderson, K. see W. Meikrantz 291 (1991) 192
Arkhammar, P. see H. Kindmark 291 (1991) 310
Aubert, J.-P. see K. Tokatlidis 291 (1991) 185
Aumailley, M., M. Gurrath, G. Müller, J. Calvete, R. Timpl and H. Kessler, Arg–Gly–Asp constrained within cyclic pentapeptides: Strong and selective inhibitors of cell adhesion to vitronectin and laminin fragment P1 291 (1991) 50
Averill, B.A. see M.A. Jackson 291 (1991) 41
Azzone, G.F. see S. Luvisetto 291 (1991) 17
Babakov, A.V. see S.V. Bilushi 291 (1991) 219
Ballio, A., D. Barra, F. Bossa, A. Collina, I. Grgurina, G. Marino, G. Moneti, M. Paci, P. Pucci, A. Segre and M. Simmaco, Syringopeptins, new phytotoxic lipodepsipeptides of *Pseudomonas syringae* pv. *syringae*[a] 291 (1991) 109
Barna, J.C.J. see N.J. Gay 291 (1991) 87
Barra, D. see A. Ballio 291 (1991) 109
Battelli, M.G. see M. Chiricolo 291 (1991) 173
Baur, R. see E. Sigel 291 (1991) 150
Bautsch, W. see B. Kroll 291 (1991) 208
Beabealashvilli, R. see A. Scamrov 291 (1991) 71
Becker, M. and G. Schäfer, Purification and spectral characterization of a *b*-type cytochrome from the plasma membrane of the archaebacterium *Sulfolobus acidocaldarius* 291 (1991) 331
Beharry, S. and P.D. Bragg, Beef-heart mitochondrial F_1-ATPase can use endogenous bound phosphate to synthesize ATP in dimethyl sulfoxide 291 (1991) 282
Benassi, M. see M.T. Santini 291 (1991) 169
Benatti, L., G. Nitti, M. Solinas, B. Valsasina, A. Vitale, A. Ceriotti and M.R. Soria, A Saporin-6 cDNA containing a precursor sequence coding for a carboxyl-terminal extension 291 (1991) 285
Bensaude, O. see V. Legagneux 291 (1991) 359
Béguin, P. see K. Tokatlidis 291 (1991) 185
Berggren, P.-O. see H. Kindmark 291 (1991) 310
Bhullar, R.P. see J.v.d. Meulen 291 (1991) 122
Bilushi, S.V., A.G. Shebunin and A.V. Babakov, Purification and subunit composition of a GTP-binding protein from maize root plasma membranes 291 (1991) 219
Birdsall, B. see I.P. Gerothanassis 291 (1991) 21
Boari, D. see F. Chillemi 291 (1991) 67
Böcher, R. see S. Rospert 291 (1991) 371
Bodley, J.W. see M.G. Donovan 291 (1991) 303
Boelens, R. see E. Kellenbach 291 (1991) 367
Boller, T. see C. De Virgilio 291 (1991) 355
Bornancin, F. and M. Chabre, Choleratoxin ADP-ribosylates transducin only when it is bound to photoexcited rhodopsin and depleted of its nucleotide 291 (1991) 273
Bossa, F. see A. Ballio 291 (1991) 109
Bragg, P.D. see S. Beharry 291 (1991) 282
Bramucci, M. see F. Chillemi 291 (1991) 67
Brinkman, A., D.J. Kortleve, A.G.P. Schuller, E.C. Zwarthoff and S.L.S. Drop, Site-directed mutagenesis of the N-terminal region of IGF binding protein 1; analysis of IGF binding capability 291 (1991) 264
Bürckert, N. see C. De Virgilio 291 (1991) 355
Burgert, M. see K. Winkler 291 (1991) 269
Calvete, J.J. see L. Sanz 291 (1991) 33
Calvete, J. see M. Aumailley 291 (1991) 50
Cametti, C. see M.T. Santini 291 (1991) 169
Campbell, A.K. see E.V. Davies 291 (1991) 135
Campbell, K.P. see M. Pragnell 291 (1991) 253
Cardellini, E. see F. Chillemi 291 (1991) 67
Castiglione, S. see M.T. Santini 291 (1991) 169
Castro, J. see M. Guzmán 291 (1991) 105
Celis, J.E. see A. Draeger 291 (1991) 24
Ceriotti, A. see L. Benatti 291 (1991) 285
Chabre, M. see F. Bornancin 291 (1991) 273
Chancellor-Maddison, K.-A. see J.v.d. Meulen 291 (1991) 122
Chao, C.C.-K., C.M. Ma and S. Lin-Chao, Co-amplification and over-expression of two *mdr* genes in a multidrug-resistant human colon carcinoma cell line 291 (1991) 214
Chatterjee, V.K.K. see T.N. Collingwood 291 (1991) 315
Chau, M.-H. and J.W. Nelson, Direct measurement of the equilibrium between glutathione and dithiothreitol by high performance liquid chromatography 291 (1991) 296
Chen, H.-C. see S. Lee-Huang 291 (1991) 139
Chestukhina, G.G. see S.V. Smulevitch 291 (1991) 75
Chillemi, F., G. Lugaro, D. Boari, E. Cardellini, M. Bramucci, A. Miano, D. Amici, G.L. Gianfranceschi and E. Durban, Acidic pentapeptide phosphorylated in vitro by calf thymus protein kinase NII binds to DNA in the presence of Mg^{2+} cations 291 (1991) 67
Chiricolo, M., P.L. Tazzari, A. Abbondanza, A. Dinota and M.G. Battelli, Cytotoxicity of, and DNA damage by, active oxygen species produced by xanthine oxidase 291 (1991) 173
Clemetson, K.J. see M. Kocher 291 (1991) 363
Colletta, A.A. and T. Kealey, cDNA cloning of a human androgen-induced mRNA exhibiting an early and protein synthesis-independent induction 291 (1991) 132
Collina, A. see A. Ballio 291 (1991) 109
Collingwood, T.N., M. Sydenham, M.J. Page and V.K.K. Chatterjee, Functional properties of human thyroid hormone receptor β1 overexpressed using baculovirus 291 (1991) 315
Conti, E. see S. Luvisetto 291 (1991) 17
Cooper, G.J.S. see A.A. Young 291 (1991) 101
Cooper, G.J.S. see M.-W. Wang 291 (1991) 196
Cregg, J. see M.J. de Hoop 291 (1991) 299
Dascal, N. see W. Schreibmayer 291 (1991) 341
Davies, E.V., A.K. Campbell and M.B. Hallett, Synchronous free Ca^{2+} changes in individual neutrophils stimulated by leukotriene B_4 291 (1991) 135
De Hoop, M.J., J. Cregg, I. Keizer-Gunnink, K. Sjollema, M. Veenhuis and G. Ab, Overexpression of alcohol oxidase in *Pichia pastoris* 291 (1991) 299
De Kruijff, B. see R. Van 't Hof 291 (1991) 350

Author index to volume 291

Aatsinki, J. see A. Pulkka 291 (1991) 289
Ab, G. see M.J. de Hoop 291 (1991) 299
Abbondanza, A. see M. Chiricolo 291 (1991) 173
Aho, S., Structural and functional analysis of *Trichoderma reesei* endoglucanase I expressed in yeast *Saccaromyces cerevisiae* 291 (1991) 45
Akazawa, T. see J. Pozueta-Romero 291 (1991) 233
Akira, S. see S. Natsuka 291 (1991) 58
Aktories, K. see G. Koch 291 (1991) 336
Albracht, S.P.J. see S. Rospert 291 (1991) 371
Amici, D. see F. Chillemi 291 (1991) 67
Anderson, K. see W. Meikrantz 291 (1991) 192
Arkhammar, P. see H. Kindmark 291 (1991) 310
Aubert, J.-P. see K. Tokatlidis 291 (1991) 185
Aumailley, M., M. Gurrath, G. Müller, J. Calvete, R. Timpl and H. Kessler, Arg–Gly–Asp constrained within cyclic pentapeptides: Strong and selective inhibitors of cell adhesion to vitronectin and laminin fragment P1 291 (1991) 50
Averill, B.A. see M.A. Jackson 291 (1991) 41
Azzone, G.F. see S. Luvisetto 291 (1991) 17
Babakov, A.V. see S.V. Bilushi 291 (1991) 219
Ballio, A., D. Barra, F. Bossa, A. Collina, I. Grgurina, G. Marino, G. Moneti, M. Paci, P. Pucci, A. Segre and M. Simmaco, Syringopeptins, new phytotoxic lipodepsipeptides of *Pseudomonas syringae* pv. *syringae*[a] 291 (1991) 109
Barna, J.C.J. see N.J. Gay 291 (1991) 87
Barra, D. see A. Ballio 291 (1991) 109
Battelli, M.G. see M. Chiricolo 291 (1991) 173
Baur, R. see E. Sigel 291 (1991) 150
Bautsch, W. see B. Kroll 291 (1991) 208
Beabealashvilli, R. see A. Scamrov 291 (1991) 71
Becker, M. and G. Schäfer, Purification and spectral characterization of a *b*-type cytochrome from the plasma membrane of the archaebacterium *Sulfolobus acidocaldarius* 291 (1991) 331
Beharry, S. and P.D. Bragg, Beef-heart mitochondrial F_1-ATPase can use endogenous bound phosphate to synthesize ATP in dimethyl sulfoxide 291 (1991) 282
Benassi, M. see M.T. Santini 291 (1991) 169
Benatti, L., G. Nitti, M. Solinas, B. Valsasina, A. Vitale, A. Ceriotti and M.R. Soria, A Saporin-6 cDNA containing a precursor sequence coding for a carboxyl-terminal extension 291 (1991) 285
Bensaude, O. see V. Legagneux 291 (1991) 359
Béguin, P. see K. Tokatlidis 291 (1991) 185
Berggren, P.-O. see H. Kindmark 291 (1991) 310
Bhullar, R.P. see J.v.d. Meulen 291 (1991) 122
Bilushi, S.V., A.G. Shebunin and A.V. Babakov, Purification and subunit composition of a GTP-binding protein from maize root plasma membranes 291 (1991) 219
Birdsall, B. see I.P. Gerothanassis 291 (1991) 21
Boari, D. see F. Chillemi 291 (1991) 67
Böcher, R. see S. Rospert 291 (1991) 371
Bodley, J.W. see M.G. Donovan 291 (1991) 303
Boelens, R. see E. Kellenbach 291 (1991) 367
Boller, T. see C. De Virgilio 291 (1991) 355
Bornancin, F. and M. Chabre, Choleratoxin ADP-ribosylates transducin only when it is bound to photoexcited rhodopsin and depleted of its nucleotide 291 (1991) 273
Bossa, F. see A. Ballio 291 (1991) 109
Bragg, P.D. see S. Beharry 291 (1991) 282
Bramucci, M. see F. Chillemi 291 (1991) 67
Brinkman, A., D.J. Kortleve, A.G.P. Schuller, E.C. Zwarthoff and S.L.S. Drop, Site-directed mutagenesis of the N-terminal region of IGF binding protein 1; analysis of IGF binding capability 291 (1991) 264
Bürckert, N. see C. De Virgilio 291 (1991) 355
Burgert, M. see K. Winkler 291 (1991) 269
Calvete, J.J. see L. Sanz 291 (1991) 33
Calvete, J. see M. Aumailley 291 (1991) 50
Cametti, C. see M.T. Santini 291 (1991) 169
Campbell, A.K. see E.V. Davies 291 (1991) 135
Campbell, K.P. see M. Pragnell 291 (1991) 253
Cardellini, E. see F. Chillemi 291 (1991) 67
Castiglione, S. see M.T. Santini 291 (1991) 169
Castro, J. see M. Guzmán 291 (1991) 105
Celis, J.E. see A. Draeger 291 (1991) 24
Ceriotti, A. see L. Benatti 291 (1991) 285
Chabre, M. see F. Bornancin 291 (1991) 273
Chancellor-Maddison, K.-A. see J.v.d. Meulen 291 (1991) 122
Chao, C.C.-K., C.M. Ma and S. Lin-Chao, Co-amplification and over-expression of two *mdr* genes in a multidrug-resistant human colon carcinoma cell line 291 (1991) 214
Chatterjee, V.K.K. see T.N. Collingwood 291 (1991) 315
Chau, M.-H. and J.W. Nelson, Direct measurement of the equilibrium between glutathione and dithiothreitol by high performance liquid chromatography 291 (1991) 296
Chen, H.-C. see S. Lee-Huang 291 (1991) 139
Chestukhina, G.G. see S.V. Smulevitch 291 (1991) 75
Chillemi, F., G. Lugaro, D. Boari, E. Cardellini, M. Bramucci, A. Miano, D. Amici, G.L. Gianfranceschi and E. Durban, Acidic pentapeptide phosphorylated in vitro by calf thymus protein kinase NII binds to DNA in the presence of Mg^{2+} cations 291 (1991) 67
Chiricolo, M., P.L. Tazzari, A. Abbondanza, A. Dinota and M.G. Battelli, Cytotoxicity of, and DNA damage by, active oxygen species produced by xanthine oxidase 291 (1991) 173
Clemetson, K.J. see M. Kocher 291 (1991) 363
Colletta, A.A. and T. Kealey, cDNA cloning of a human androgen-induced mRNA exhibiting an early and protein synthesis-independent induction 291 (1991) 132
Collina, A. see A. Ballio 291 (1991) 109
Collingwood, T.N., M. Sydenham, M.J. Page and V.K.K. Chatterjee, Functional properties of human thyroid hormone receptor β1 overexpressed using baculovirus 291 (1991) 315
Conti, E. see S. Luvisetto 291 (1991) 17
Cooper, G.J.S. see A.A. Young 291 (1991) 101
Cooper, G.J.S. see M.-W. Wang 291 (1991) 196
Cregg, J. see M.J. de Hoop 291 (1991) 299
Dascal, N. see W. Schreibmayer 291 (1991) 341
Davies, E.V., A.K. Campbell and M.B. Hallett, Synchronous free Ca^{2+} changes in individual neutrophils stimulated by leukotriene B_4 291 (1991) 135
De Hoop, M.J., J. Cregg, I. Keizer-Gunnink, K. Sjollema, M. Veenhuis and G. Ab, Overexpression of alcohol oxidase in *Pichia pastoris* 291 (1991) 299
De Kruijff, B. see R. Van 't Hof 291 (1991) 350

De Virgilio, C., N. Bürckert, T. Boller and A. Wiemken, A method to study the rapid phosphorylation-related modulation of neutral trehalase activity by temperature shifts in yeast 291 (1991) 355
Demel, R.A. see R. Van 't Hof 291 (1991) 350
Dhurjati, P. see K. Tokatlidis 291 (1991) 185
Dietrich, J.-B. see B. Lorber 291 (1991) 345
Dietsch, E. see R. Huang 291 (1991) 199
Dinota, A. see M. Chiricolo 291 (1991) 173
Donovan, M.G. and J.W. Bodley, *Saccharomyces cerevisiae* elongation factor 2 is phosphorylated by an endogenous kinase 291 (1991) 303
Draeger, A., M. Gimona, A. Stuckert, J.E. Celis and J.V. Small, Calponin: Developmental isoforms and a low molecular weight variant 291 (1991) 24
Drop, S.L.S. see A. Brinkman 291 (1991) 264
Durban, E. see F. Chillemi 291 (1991) 67
Efendić, S. see H. Kindmark 291 (1991) 310
Emde, M. see B. Kroll 291 (1991) 208
Feeney, J. see I.P. Gerothanassis 291 (1991) 21
Feldman, R.P. see W. Meikrantz 291 (1991) 192
Floridi, A. see M.T. Santini 291 (1991) 169
Fraenkel, Y., J.M. Gershoni and G. Navon, Acetylcholine interactions with tryptophan-184 of the α-subunit of the nicotinic acetylcholine receptor revealed by transferred nuclear Overhauser effect 291 (1991) 225
Futai, M. see Y. Moriyama 291 (1991) 92
Gallwitz, D. see T.J. Tan 291 (1991) 322
Galperina, O.V. see S.V. Smulevitch 291 (1991) 75
Gancedo, J.M. see J.J. Mercado 291 (1991) 97
Garciadeblas, B. see R. Haro 291 (1991) 189
Gay, N.J., L.C. Packman, M.A. Weldon and J.C.J. Barna, A leucine-rich repeat peptide derived from the *Drosophila* Toll receptor forms extended filaments with a β-sheet structure 291 (1991) 87
Geiger, T. see H. Mühl 291 (1991) 249
Gentile, F.P. see M.T. Santini 291 (1991) 169
Gerothanassis, I.P., B. Birdsall and J. Feeney, Hydrogen bonding effects on ^{31}P NMR shielding in the pyrophosphate group of NADPH bound to *L. casei* dihydrofolate reductase 291 (1991) 21
Gershoni, J.M. see Y. Fraenkel 291 (1991) 225
Gianfranceschi, G.L. see F. Chillemi 291 (1991) 67
Gimona, M. see A. Draeger 291 (1991) 24
Goody, R.S., B. Müller and T. Restle, Factors contributing to the inhibition of HIV reverse transcriptase by chain-terminating nucleotides in vitro and in vivo 291 (1991) 1
Gorbalenya, A.E. and E.V. Koonin, Endonuclease (R) subunits of type-I and type-III restriction-modification enzymes contain a helicase-like domain 291 (1991) 277
Gragerov, A.I., E.S. Martin, M.A. Krupenko, M.V. Kashlev and V.G. Nikiforov, Protein aggregation and inclusion body formation in *Escherichia coli rpoH* mutant defective in heat shock protein induction 291 (1991) 222
Grgurina, I. see A. Ballio 291 (1991) 109
Grishin, N.V. see S.V. Smulevitch 291 (1991) 75
Grunicke, H. see K. Maly 291 (1991) 113
Gurrath, M. see M. Aumailley 291 (1991) 50
Guzmán, M. and J. Castro, Okadaic acid stimulates carnitine palmitoyltransferase I activity and palmitate oxidation in isolated rat hepatocytes 291 (1991) 105
Haberman, B. see G. Koch 291 (1991) 336
Hagedorn, C.H., Use of a monoclonal antibody (APE-1) directed against the conserved GT-PEYLAPE motif present in protein kinases as an affinity purification reagent 291 (1991) 29
Hallett, M.B. see E.V. Davies 291 (1991) 135
Hansson, Ö. see M. Nordling 291 (1991) 327
Haro, R., B. Garciadeblas and A. Rodríguez-Navarro, A novel P-type ATPase from yeast involved in sodium transport 291 (1991) 189
Hejgaard, J., S. Jacobsen and I. Svendsen, Two antifungal thaumatin-like proteins from barley grain 291 (1991) 127
Hirano, T. see M. Kubo 291 (1991) 245
Ho, D. see W. Meikrantz 291 (1991) 192
Hobom, G. see H.-P. Rihs 291 (1991) 6
Holland, P.W.H., N.A. Williams and J. Lanfear, Cloning of segment polarity gene homologues from the unsegmented brachiopod *Terebratulina retusa* (Linnaeus) 291 (1991) 211
Holzer, H. see K. Winkler 291 (1991) 269
Honma, Y. see T. Kasukabe 291 (1991) 181
Hozumi, M. see T. Kasukabe 291 (1991) 181
Huang, P.L. see S. Lee-Huang 291 (1991) 139
Huang, P.L. see S. Lee-Huang 291 (1991) 139
Huang, P. see S. Lee-Huang 291 (1991) 139
Huang, H.I. see S. Lee-Huang 291 (1991) 139
Huang, R., E. Dietsch, O. Lockhoff, M. Schüller and W. Reutter, Antiviral activity of some natural and synthetic sugar analogues 291 (1991) 199
Ichihara, J. see Y. Shinohara 291 (1991) 55
Ihalainen, R. see A. Pulkka 291 (1991) 289
Indovina, P.L. see M.T. Santini 291 (1991) 169
Inoue, T. see T. Tsuji 291 (1991) 319
Intravaia, E. see S. Luvisetto 291 (1991) 17
Isshiki, H. see S. Natsuka 291 (1991) 58
Jackson, M.A., J.M. Tiedje and B.A. Averill, Evidence for an NO-rebound mechanism for production of N_2O from nitrite by the copper-containing nitrite reductase from *Achromobacter cycloclastes* 291 (1991) 41
Jacobsen, S. see J. Hejgaard 291 (1991) 127
Jay, S.D. see M. Pragnell 291 (1991) 253
Jeromin, A. see B. Kroll 291 (1991) 208
Just, I. see G. Koch 291 (1991) 336
Kadyrov, R.M. see S.V. Smulevitch 291 (1991) 75
Kakinuma, M. see M. Kubo 291 (1991) 245
Kanfer, J.N. and D. McCartney, Sphingosine and unsaturated fatty acids modulate the base exchange enzyme activities of rat brain membranes 291 (1991) 63
Kaptein, R. see E. Kellenbach 291 (1991) 367
Kashlev, M.V. see A.I. Gragerov 291 (1991) 222
Kasukabe, T., J. Okabe-Kado, Y. Honma and M. Hozumi, Interleukin-4 inhibits the differentiation of mouse myeloid leukemia M1 cells induced by dexamethasone, D-factor/leukemia inhibitory factor and interleukin-6, but not by 1α,25-dihydroxyvitamin D_3 291 (1991) 181
Kealey, T. see A.A. Colletta 291 (1991) 132
Keegstra, K. see R. Van 't Hof 291 (1991) 350
Keizer-Gunnink, I. see M.J. de Hoop 291 (1991) 299
Kellenbach, E., B.A. Maler, K.R. Yamamoto, R. Boelens and R. Kaptein, Identification of the metal coordinating residues in the DNA binding domain of the glucocorticoid receptor by ^{113}Cd-^{1}H heteronuclear NMR spectroscopy 291 (1991) 367
Kern, D. see B. Lorber 291 (1991) 345
Kessler, H. see M. Aumailley 291 (1991) 50
Kiani, A. see K. Maly 291 (1991) 113
Kienle, I. see K. Winkler 291 (1991) 269
Kindmark, H., M. Köhler, T. Nilsson, P. Arkhammar, K.-L. Wiechel, P. Rorsman, S. Efendić and P.-O. Berggren, Measurements of cytoplasmic free Ca^{2+} concentration in human pancreatic islets and insulinoma cells 291 (1991) 310
Kishimoto, T. see S. Natsuka 291 (1991) 58

Klos, A. see B. Kroll 291 (1991) 208
Knowles, R.G. see M. Salter 291 (1991) 145
Koch, G., B. Haberman, C. Mohr, I. Just and K. Aktories, Interaction of mastoparan with the low molecular mass GTP-binding proteins rho/rac 291 (1991) 336
Kocher, M. and K.J. Clemetson, Effects of 17-hydroxywortmannin on serine/threonine-protein kinases in human blood platelets 291 (1991) 363
Köhl, J. see B. Kroll 291 (1991) 208
Köhler, M. see H. Kindmark 291 (1991) 310
Koonin, E.V. see A.E. Gorbalenya 291 (1991) 277
Kortleve, D.J. see A. Brinkman 291 (1991) 264
Koshkin, A.A. see S.V. Zaitsev 291 (1991) 84
Kretzschmar, T. see B. Kroll 291 (1991) 208
Kroll, B., M. Emde, A. Jeromin, L. Penner, G. Rechkemmer, T. Kretzschmar, A. Klos, J. Köhl and W. Bautsch, Functional expression of a human C5a receptor clone in *Xenopus* oocytes requires additional RNA 291 (1991) 208
Krupenko, M.A. see A.I. Gragerov 291 (1991) 222
Krupnick, J. see W. Meikrantz 291 (1991) 192
Kubo, M., T. Hirano and M. Kakinuma, Molecular cloning and sequence analysis of cDNA and genomic DNA for the human cone transducin α subunit 291 (1991) 245
Kung, H.-f. see S. Lee-Huang 291 (1991) 139
Lai, F.A. see Q.-Y. Liu 291 (1991) 13
Lanfear, J. see P.W.H. Holland 291 (1991) 211
Lee-Huang, S., H.-f. Kung, P.L. Huang, P.L. Huang, B.-Q. Li, P. Huang, H.I. Huang and H.-C. Chen, A new class of anti-HIV agents: GAP31, DAPs 30 and 32 291 (1991) 139
Legagneux, V., M. Morange and O. Bensaude, Heat shock increases turnover of 90 kDa heat shock protein phosphate groups in HeLa cells 291 (1991) 359
Li, B.-Q. see S. Lee-Huang 291 (1991) 139
Lin-Chao, S. see C.C.-K. Chao 291 (1991) 214
Liu, Q.-Y., F.A. Lai, W.K. Shen, G. Meissner and H.C. Strauss, Reconstitution of the solubilized cardiac sarcoplasmic reticulum potassium channel: Identification of a putative M_r ~80 kDa polypeptide constituent 291 (1991) 13
Lockhoff, O. see R. Huang 291 (1991) 199
Lorber, B., J.-B. Dietrich and D. Kern, Isolation and characterization of active N-terminal truncated apo- and holoenzyme of mammalian liver tyrosine aminotransferase 291 (1991) 345
Lotan, I. see W. Schreibmayer 291 (1991) 341
Lugaro, G. see F. Chillemi 291 (1991) 67
Lundberg, L.G. see M. Nordling 291 (1991) 327
Luvisetto, S., I. Schmehl, E. Conti, E. Intravaia and G.F. Azzone, Activation of respiration and loss of thermodynamic control in hyperthyroidism: Is it due to increased slipping in mitochondrial proton pumps? 291 (1991) 17
Ma, C.M. see C.C.-K. Chao 291 (1991) 214
MacEwan, D.J. and R. Mitchell, Calcium influx through 'L'-type channels into rat anterior pituitary cells can be modulated in two ways by protein kinase C (PKC-isoform selectivity of 1,2-dioctanoyl *sn*-glycerol?) 291 (1991) 79
Maccarrone, M., G.A. Veldink and J.F.G. Vliegenthart, Phytochrome control and anoxia effect on the activity and expression of soybean seedling lipoxygenases 1 and 2 291 (1991) 117
Maler, B.A. see E. Kellenbach 291 (1991) 367
Malherbe, P. see E. Sigel 291 (1991) 150
Malorni, W. see M.T. Santini 291 (1991) 169
Maly, K., A. Kiani, H. Oberhuber and H. Grunicke, Interference of Ha-*ras* with inositol trisphosphate-mediated Ca^{2+}-release 291 (1991) 113
Mann, K. see L. Sanz 291 (1991) 33
Marino, G. see A. Ballio 291 (1991) 109
Märki, F. see H. Mühl 291 (1991) 249
Martens, G.J.M. see M.C.H.M. van Riel 291 (1991) 37
Martin, E.S. see A.I. Gragerov 291 (1991) 222
Masuda, N. and M. Ui, Possible involvement of GTP-binding proteins in growth regulation of human epidermoid carcinoma cell line A431 291 (1991) 9
Matsumoto, K. see H. Tajima 291 (1991) 229
Matz, M.V. see S.V. Smulevitch 291 (1991) 75
McCartney, D. see J.N. Kanfer 291 (1991) 63
McLennan, A.G., Comment: di(1,N^6-ethenoadenosine)-5′,5‴-P^1,P^4-tetraphosphate, a fluorescent enzymatically active derivative of Ap_4A 291 (1991) 153
Méchali, M. see F. Tchang 291 (1991) 177
Meikrantz, W., R.P. Feldman, M.M. Sladicka, D. Ho, J. Krupnick, K. Anderson and R.A. Schlegel, Isolation of mitotic p34^{cdc2} apoenzyme from human cells 291 (1991) 192
Meissner, G. see Q.-Y. Liu 291 (1991) 13
Melli, M. see E. Solito 291 (1991) 238
Mercado, J.J., O. Vincent and J.M. Gancedo, Regions in the promoter of the yeast *FBP1* gene implicated in catabolite repression may bind the product of the regulatory gene *MIG1* 291 (1991) 97
Meulen, J.v.d., R.P. Bhullar and K.-A. Chancellor-Maddison, Association of a 24-kDa GTP-binding protein, G_n24, with human platelet α-granule membranes 291 (1991) 122
Miano, A. see F. Chillemi 291 (1991) 67
Mitchell, R. see D.J. MacEwan 291 (1991) 79
Miyama, A. see T. Tsuji 291 (1991) 319
Mohr, C. see G. Koch 291 (1991) 336
Moncada, S. see M. Salter 291 (1991) 145
Moneti, G. see A. Ballio 291 (1991) 109
Morange, M. see V. Legagneux 291 (1991) 359
Moriyama, Y., A. Yamamoto, Y. Tashiro and M. Futai, Chromaffin granule H^+-ATPase has F_1-like structure 291 (1991) 92
Mühl, H., T. Geiger, W. Pignat, F. Märki, H.v.d. Bosch, K. Vosbeck and J. Pfeilschifter, PDGF suppresses the activation of group II phospholipase A_2 gene expression by interleukin 1 and forskolin in mesangial cells 291 (1991) 249
Müller, B. see R.S. Goody 291 (1991) 1
Müller, G. see M. Aumailley 291 (1991) 50
Nakamura, T. see H. Tajima 291 (1991) 229
Natsuka, S., H. Isshiki, S. Akira and T. Kishimoto, Augmentation of haptoglobin production in Hep3B cell line by a nuclear factor NF-IL6 291 (1991) 58
Navon, G. see Y. Fraenkel 291 (1991) 225
Nelson, J.W. see M.-H. Chau 291 (1991) 296
Nevin, D.E. and J.M. Pratt, A coupled in vitro transcription–translation system for the exclusive synthesis of polypeptides expressed from the T7 promoter 291 (1991) 259
Nikiforov, V.G. see A.I. Gragerov 291 (1991) 222
Nilsson, T. see H. Kindmark 291 (1991) 310
Nitti, G. see L. Benatti 291 (1991) 285
Noda, M. see T. Tsuji 291 (1991) 319
Nordling, M., K. Sigfridsson, S. Young, L.G. Lundberg and Ö. Hansson, Flash-photolysis studies of the electron transfer from genetically modified spinach plastocyanin to photosystem I 291 (1991) 327
Oberhuber, H. see K. Maly 291 (1991) 113
Okabe-Kado, J. see T. Kasukabe 291 (1991) 181

Osterman, A.L. see S.V. Smulevitch 291 (1991) 75
Paci, M. see A. Ballio 291 (1991) 109
Packman, L.C. see N.J. Gay 291 (1991) 87
Page, M.J. see T.N. Collingwood 291 (1991) 315
Pajunen, A. see A. Pulkka 291 (1991) 289
Parente, L. see E. Solito 291 (1991) 238
Penner, L. see B. Kroll 291 (1991) 208
Peters, R. see H.-P. Rihs 291 (1991) 6
Pfeilschifter, J. see H. Mühl 291 (1991) 249
Pierce, J.H. see M. Ruggiero 291 (1991) 203
Pignat, W. see H. Mühl 291 (1991) 249
Pozueta-Romero, J., J. Yamaguchi and T. Akazawa, ADPG formation by the ADP-specific cleavage of sucrose-reassessment of sucrose synthase 291 (1991) 233
Pragnell, M., J. Sakamoto, S.D. Jay and K.P. Campbell, Cloning and tissue-specific expression of the brain calcium channel β-subunit 291 (1991) 253
Pratt, J.M. see D.E. Nevin 291 (1991) 259
Pucci, P. see A. Ballio 291 (1991) 109
Pulkka, A., R. Ihalainen, J. Aatsinki and A. Pajunen, Structure and organization of the gene encoding rat *S*-adenosylmethionine decarboxylase 291 (1991) 289
Raugei, G. see E. Solito 291 (1991) 238
Ravichandran, K.G. see A. Rodríguez-Romero 291 (1991) 307
Rechkemmer, G. see B. Kroll 291 (1991) 208
Restle, T. see R.S. Goody 291 (1991) 1
Reutter, W. see R. Huang 291 (1991) 199
Rihs, H.-P., R. Peters and G. Hobom, Nuclear localization of budgerigar fledgling disease virus capsid protein VP2 is conferred by residues 308–317 291 (1991) 6
Rink, T.J. see M.-W. Wang 291 (1991) 196
Rodríguez-Navarro, A. see R. Haro 291 (1991) 189
Rodríguez-Romero, A., K.G. Ravichandran and M. Soriano-García, Crystal structure of hevein at 2.8 Å resolution 291 (1991) 307
Rorsman, P. see H. Kindmark 291 (1991) 310
Rospert, S., R. Böcher, S.P.J. Albracht and R.K. Thauer, Methyl-coenzyme M reductase preparations with high specific activity from H_2-preincubated cells of *Methanobacterium thermoautotrophicum* 291 (1991) 371
Rotllán, P., Reply to McLennan's comment 291 (1991) 154
Ruggiero, M., L.M. Wang and J.H. Pierce, Mitogenic signal transduction in normal and transformed 32D hematopoietic cells 291 (1991) 203
Sakamoto, J. see M. Pragnell 291 (1991) 253
Salamitou, S. see K. Tokatlidis 291 (1991) 185
Salter, M., R.G. Knowles and S. Moncada, Widespread tissue distribution, species distribution and changes in activity of Ca^{2+}-dependent and Ca^{2+}-independent nitric oxide synthases 291 (1991) 145
Santini, M.T., C. Cametti, P.L. Indovina, W. Malorni, M. Benassi, F.P. Gentile, S. Castiglione and A. Floridi, Effects of lonidamine on the membrane electrical properties of Ehrlich ascites tumor cells 291 (1991) 169
Sanz, L., J.J. Calvete, K. Mann, W. Schäfer, E.R. Schmid and E. Töpfer-Petersen, The amino acid sequence of AQN-3, a carbohydrate-binding protein isolated from boar sperm: Location of disulphide bridges 291 (1991) 33
Sazanov, L.A. see S.V. Zaitsev 291 (1991) 84
Scamrov, A. and R. Beabealashvilli, Mycoplasma Gallisepticum strain S6 genome contains three regions hybridizing with 16 S rRNA and two regions hybridizing with 23 S and 5 S rRNA 291 (1991) 71
Schäfer, G. see M. Becker 291 (1991) 331
Schäfer, W. see L. Sanz 291 (1991) 33
Schlegel, R.A. see W. Meikrantz 291 (1991) 192
Schmehl, I. see S. Luvisetto 291 (1991) 17
Schmid, E.R. see L. Sanz 291 (1991) 33
Schreibmayer, W., N. Dascal, I. Lotan, M. Wallner and L. Weigl, Molecular mechanism of protein kinase C modulation of sodium channel α-subunits expressed in *Xenopus* oocytes 291 (1991) 341
Schuller, A.G.P. see A. Brinkman 291 (1991) 264
Schüller, M. see R. Huang 291 (1991) 199
Segre, A. see A. Ballio 291 (1991) 109
Shebunin, A.G. see S.V. Bilushi 291 (1991) 219
Shen, W.K. see Q.-Y. Liu 291 (1991) 13
Shinohara, Y., J. Ichihara and H. Terada, Remarkably enhanced expression of the type II hexokinase in rat hepatoma cell line AH130 291 (1991) 55
Sigel, E., R. Baur and P. Malherbe, Activation of protein kinase C results in down-modulation of different recombinant $GABA_A$-channels 291 (1991) 150
Sigfridsson, K. see M. Nordling 291 (1991) 327
Simmaco, M. see A. Ballio 291 (1991) 109
Sjollema, K. see M.J. de Hoop 291 (1991) 299
Sladicka, M.M. see W. Meikrantz 291 (1991) 192
Slominski, A., POMC gene expression in mouse and hamster melanoma cells 291 (1991) 165
Small, J.V. see A. Draeger 291 (1991) 24
Smulevitch, S.V., A.L. Osterman, O.V. Galperina, M.V. Matz, O.P. Zagnitko, R.M. Kadyrov, I.A. Tsaplina, N.V. Grishin, G.G. Chestukhina and V.M. Stepanov, Molecular cloning and primary structure of *Thermoactinomyces vulgaris* carboxypeptidase T: A metalloenzyme endowed with dual substrate specificity 291 (1991) 75
Solinas, M. see L. Benatti 291 (1991) 285
Solito, E., G. Raugei, M. Melli and L. Parente, Dexamethasone induces the expression of the mRNA of lipocortin 1 and 2 and the release of lipocortin 1 and 5 in differentiated, but not undifferentiated U-937 cells 291 (1991) 238
Soria, M.R. see L. Benatti 291 (1991) 285
Soriano-García, M. see A. Rodríguez-Romero 291 (1991) 307
Stepanov, V.M. see S.V. Smulevitch 291 (1991) 75
Strauss, H.C. see Q.-Y. Liu 291 (1991) 13
Stuckert, A. see A. Draeger 291 (1991) 24
Sud'ina, G.F. see S.V. Zaitsev 291 (1991) 84
Svendsen, I. see J. Hejgaard 291 (1991) 127
Sydenham, M. see T.N. Collingwood 291 (1991) 315
Tajima, H., K. Matsumoto and T. Nakamura, Hepatocyte growth factor has potent anti-proliferative activity in various tumor cell lines 291 (1991) 229
Tan, T.J., P. Vollmer and D. Gallwitz, Identification and partial purification of GTPase-activating proteins from yeast and mammalian cells that preferentially act on Ypt1/Rab1 proteins 291 (1991) 322
Tashiro, Y. see Y. Moriyama 291 (1991) 92
Tazzari, P.L. see M. Chiricolo 291 (1991) 173
Tchang, F., S. Vriz and M. Méchali, Posttranscriptional regulation of c-myc RNA during early development of *Xenopus laevis* 291 (1991) 177
Terada, H. see Y. Shinohara 291 (1991) 55
Thauer, R.K. see S. Rospert 291 (1991) 371
Tiedje, J.M. see M.A. Jackson 291 (1991) 41
Timpl, R. see M. Aumailley 291 (1991) 50
Tokatlidis, K., S. Salamitou, P. Béguin, P. Dhurjati and J.-P. Aubert, Interaction of the duplicated segment carried by *Clostridium thermocellum* cellulases with cellulosome components 291 (1991) 185
Töpfer-Petersen, E. see L. Sanz 291 (1991) 33
Tsaplina, I.A. see S.V. Smulevitch 291 (1991) 75

Tsuji, T., T. Inoue, A. Miyama and M. Noda, Glutamic acid-112 of the A subunit of heat-labile enterotoxin from enterotoxigenic *Escherichia coli* is important for ADP-ribosyltransferase activity 291 (1991) 319
Ui, M. see N. Masuda 291 (1991) 9
Van den Bosch, H. see L. Mühl 291 (1991) 249
Valsasina, B. see L. Benatti 291 (1991) 285
van Riel, M.C.H.M. and G.J.M. Martens, Cloning and sequence analysis of pituitary cDNA encoding the β-subunit of *Xenopus* proteasome 291 (1991) 37
Van 't Hof, R., R.A. Demel, K. Keegstra and B. de Kruijff, Lipid–peptide interactions between fragments of the transit peptide of ribulose-1,5-bisphosphate carboxylase/oxygenase and chloroplast membrane lipids 291 (1991) 350
Varfolomeev, S.D. see S.V. Zaitsev 291 (1991) 84
Veenhuis, M. see M.J. de Hoop 291 (1991) 299
Veldink, G.A. see M. Maccarrone 291 (1991) 117
Vincent, O. see J.J. Mercado 291 (1991) 97
Vitale, A. see L. Benatti 291 (1991) 285
Vliegenthart, J.F.G. see M. Maccarrone 291 (1991) 117
Vollmer, P. see T.J. Tan 291 (1991) 322
Vosbeck, K. see L. Mühl 291 (1991) 249
Vriz, S. see F. Tchang 291 (1991) 177
Wagner, J.-C. see K. Winkler 291 (1991) 269
Wallner, M. see W. Schreibmayer 291 (1991) 341
Wang, M.-W. see A.A. Young 291 (1991) 101
Wang, M.-W., A.A. Young, T.J. Rink and G.J.S. Cooper, $^{8-37}$h-CGRP antagonizes actions of amylin on carbohydrate metabolism in vitro and in vivo 291 (1991) 196
Wang, L.M. see M. Ruggiero 291 (1991) 203
Weigl, L. see W. Schreibmayer 291 (1991) 341
Weldon, M.A. see N.J. Gay 291 (1991) 87
Wiechel, K.-L. see H. Kindmark 291 (1991) 310
Wiemken, A. see C. De Virgilio 291 (1991) 355
Williams, N.A. see P.W.H. Holland 291 (1991) 211
Winkler, K., I. Kienle, M. Burgert, J.-C. Wagner and H. Holzer, Metabolic regulation of the trehalose content of vegetative yeast 291 (1991) 269
Yamaguchi, J. see J. Pozueta-Romero 291 (1991) 233
Yamamoto, A. see Y. Moriyama 291 (1991) 92
Yamamoto, K.R. see E. Kellenbach 291 (1991) 367
Young, A.A., M.-W. Wang and G.J.S. Cooper, Amylin injection causes elevated plasma lactate and glucose in the rat 291 (1991) 101
Young, A.A. see M.-W. Wang 291 (1991) 196
Young, S. see M. Nordling 291 (1991) 327
Zagnitko, O.P. see S.V. Smulevitch 291 (1991) 75
Zaitsev, S.V., L.A. Sazanov, A.A. Koshkin, G.F. Sud'ina and S.D. Varfolomeev, Respiratory burst inhibition in human neutrophils by ultra-low doses of [D-Ala^2]methionine enkephalinamide 291 (1991) 84
Zwarthoff, E.C. see A. Brinkman 291 (1991) 264